

Datasheet for ABIN1399760

anti-RENT1/UPF1 antibody (AA 301-450) (FITC)



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Overview

Quantity:	100 µL
Target:	RENT1/UPF1 (UPF1)
Binding Specificity:	AA 301-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RENT1/UPF1 antibody is conjugated to FITC
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RENT1/hUPF1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	RENT1/UPF1 (UPF1)
Alternative Name:	RENT1/hUPF1 (UPF1 Products)
Background:	Synonyms: ATP dependent helicase RENT1, ATP-dependent helicase RENT1, Delta helicase,

Target Details

HUPF 1, HUPF1, KIAA0221, Nonsense mRNA reducing factor 1, NORF 1, NORF1, pNORF 1, pNORF1, Regulator of nonsense transcripts 1, RENT 1, RENT1, RENT1_HUMAN, Smg 2, Smg 2 homolog nonsense mediated mRNA decay factor, UP Framesht 1, Up framesht mutation 1 homolog S. cerevisiae, Up framesht mutation 1 homolog, Up framesht suppressor 1 homolog, Up-framesht mutation 1 homolog S. cerevisiae, Up-framesht suppressor 1 homolog, UPF 1, UPF 1 regulator of nonsense transcripts homolog, UPF1.

Background: In eukaryotes, it is essential to have the ability to detect and degrade transcripts that lack full coding potential. Nonsense-mediated RNA decay (NMD) protects the organism by avoiding the translation of truncated peptides with dominant negative or deleterious gain-of-function potential. Rent1, a mammalian ortholog of Upflp, is essential for embryonic viability (13). Rent1 (also designated regulator of nonsense transcripts and HUpf1) contains an N-terminal zinc finger-like domain, NTPase domains and a region comprised of domains that define Rent1 as a superfamily group I helicase.

Gene ID: 5976

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months